paleoseti

The magazine for Ancient Astronaut & Lost Civilizations research
ANCIENT TECHNOLOGIES, CULTURES AND ADVENTURE

PUBLISHED NOVEMBER 2018 ISSUE 13 - 4TH PUBLICATION YEAR

BULLETPROOF GLASS FOR GOD!

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EISENGRUBER PUBLISHING

INTERVIEW WITH ERICH VON DÄNIKEN

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Letter from the Editor

Dear Readers,

Thanks for being patient as we prepared this Issue 13 of PaleoSeti Magazine.

You will probably see a slight change in layout, as we switched to a more flexible software package which allows us to produce the magazine on mobile devices as well as on desktop computers. This will allow us to produce articles more effectively and get them to you quicker in the long run. This software will also allow us to include links and multimedia content more seamlessly.

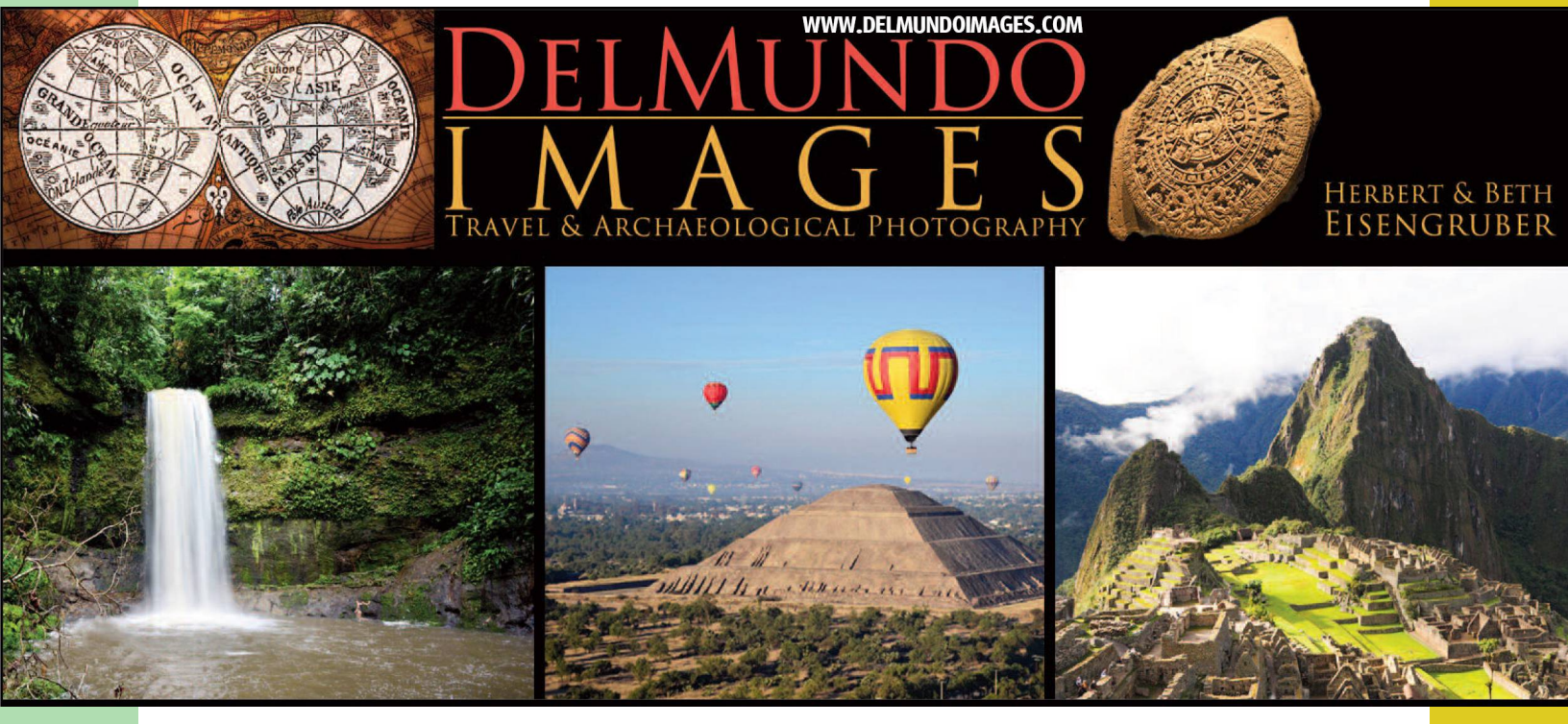
But as with everything, new software requires a different work-flow, and new work-flows also mean one step forward and two steps back sometimes. All this requires patience, strong nerves, good food and coffee. But we got there and it should be smoother sailing from here on out.

Over the winter 2018/2019 we have an exciting new project planned: We will start a PaleoSeti Podcast which will accompany the individual issues of Paleo-Seti Magazine and more additional content. Also planned is a small YouTube channel to engage an audience which is more and more expecting content on a multimedia level. We will keep you updated on our Twitter Newsfeed.

In this issue, we feature an interview with Erich von Däniken (Page 4), one of the most influential authors in the Paleo-Seti and Ancient Aliens field. His 1969 book, "*Chariots of the Gods*", was one of the most successful non-fiction works ever sold, and he is one of the worlds best selling non-fiction authors. I hope you will find the interview conducted by our contributor Rafael Videla-Eissman exciting.
Last year, research in the Paleo-Seti field led us to the Middle East - specifically to the amazing countries of Israel and Jordan - where we made exciting discoveries regarding the Paleo-Seti/Ancient Aliens theory. We will publish this research in a series of articles within the upcoming issues of PaleoSeti Magazine. We start on page 17 with a mysterious glass slab, found in the Israel National Park Bet She-Arim, the largest glass piece ever found from ancient times.

Sincerely Yours,

Herbert Eisengruber
Editor-in-Chief, Paleoseti Magazine



The Israel Museum in Jerusalem houses the Dead See Scrolls, one of the most important texts of human kind. Is it a coincidence that the building which houses the main exhibition is shaped like a UFO?

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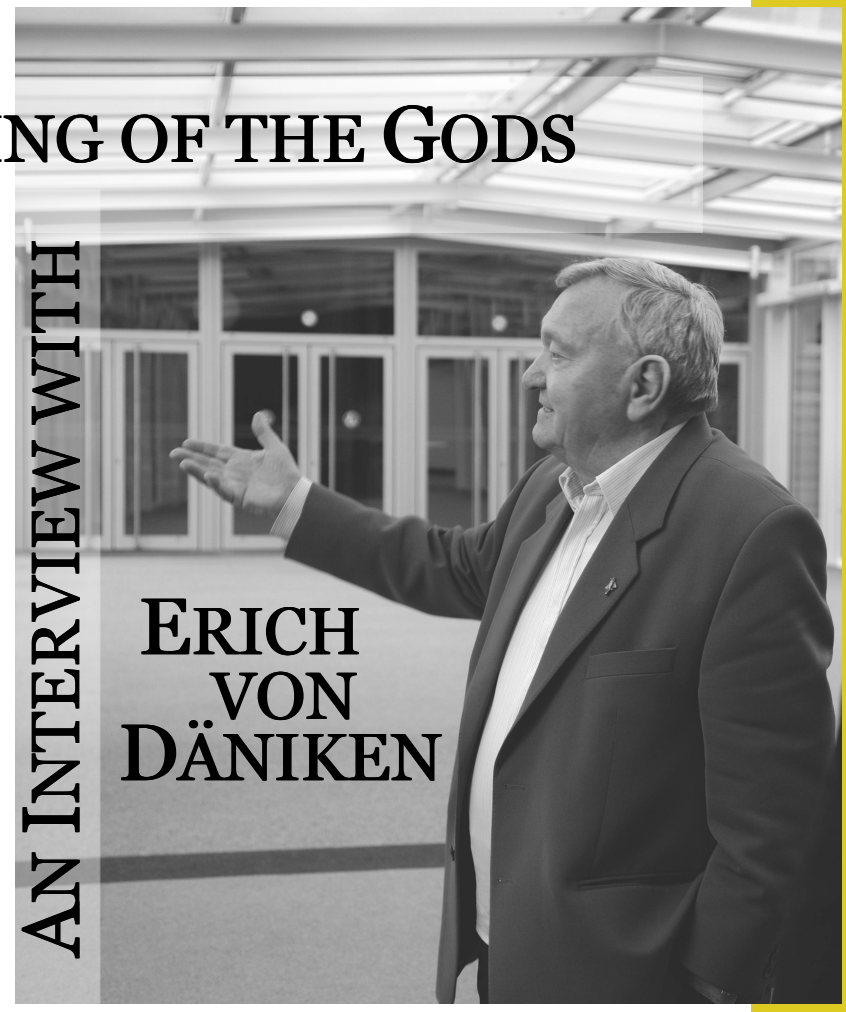
Feedback and Contributions:
PaleoSeti Magazine welcomes feedback. We would love to introduce a "Letters to the Editor" section in our next issue. Please send your feedback to the above Email address. Please keep your feedback related to the PaleoSeti (Ancient Astronaut) and Lost Civilization Theories.

If you like to contribute an article to PaleoSeti Magazine, **please contact us at the email address above** including a short description of what your article will be about.
The articles in this issue do not necessarily reflect the opinion of the publisher.

EISENGRUBER PUBLISHING

WE, THE OFFSPRING OF THE GODS



Article by Rafael Videla-Eissman

World best-selling author Erich von Däniken is one of the most extraordinary minds of the 20th and the 21st centuries. Von Däniken has held countless lectures and discussions at public forums and educational institutions. His forty books have sold over 67 million copies and have been translated into 32 languages. His ideas about the visits of extraterrestrials in ancient times revolutionized not only history but mankind's destiny. Our comprehension of the past is the key to understand the future. And the future of mankind is in the Universe.

The visits to Earth of those unknown beings from the cosmos were recorded and transmitted through the religions, the myths and folklore legends.
Erich von Däniken
(*Beweise. Lokaltermin in Funf Kontinenten* / "The Answer of the Gods", 1978)

In most of ancient myths throughout the world, there are references that certain figures descended from the sky and gave people precise knowledge: Fire, agriculture cycles, metallurgy, astronomy and such.

Contrary to the modern understanding of it, *Myth* is a Latin word originated from the Greek *Mythos*, meaning 'story', 'narration', in the sense of a traditional account. Certainly, myths are covered by rich metaphoric, symbolic, religious and even social layers but yet their core is based in real events.

It is only in Modern times with its anthropocentrism and the enlightenment rationalism background when the ancient myths started to be considered as mere fables and the *fantasy* of our ancestors.

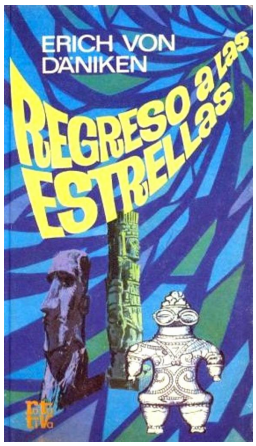
And thus the Golden Age when the gods walked on Earth became a metaphor used by ancient people in order to understand the forces of Nature and even to gain supremacy over others…

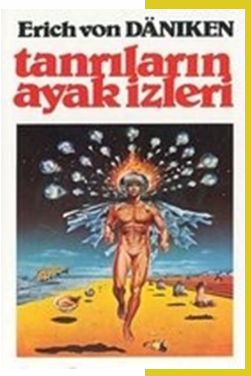
Although primitive people were so fanciful and imaginative they nevertheless built megalithic sites that have astronomical and geometrical patterns, impressive pyramid constructions and amazing geoglyphs that can only be observed from the air – just to mention some illustrative examples – which all together do not make any sense when assuming the evolutionary concepts that portraits these primitive people as simple-minded and backward individuals.

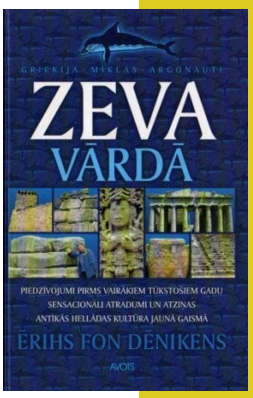
Something does not quite fit in the reconstruction of human past as main stream historiography and anthropology ruling theories do not fit with the archaeological findings.

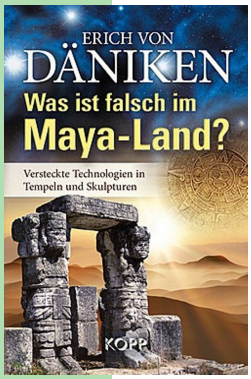
Furthermore: In Tierra del Fuego, along the Andes, in Mesoamerica and in North America, in the British Islands, in Europe, Middle East, Africa, Asia and in the South Sea Islands there are mythical records about beings that descended from the sky. And whether they spread their race or created mankind in *their own image* it is more important – the essential part of these records – that in all the ancient traditions, the origin of mankind is pointed towards the stars.

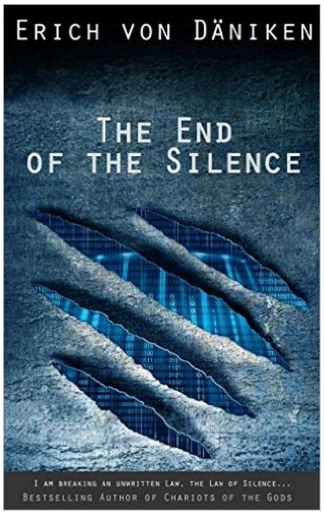
What "dreamers" our ancestors were and how terribly hard they have been ridiculed! But then again the lore of the past shows to be more accurate than the come-and-go fashion and changing modern thinking when *now* the scientific community admits that life on Earth has originated in the cosmos!

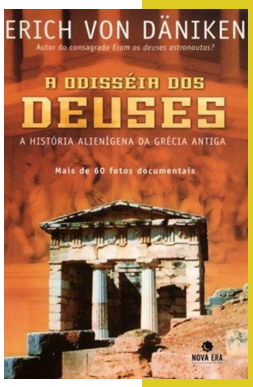


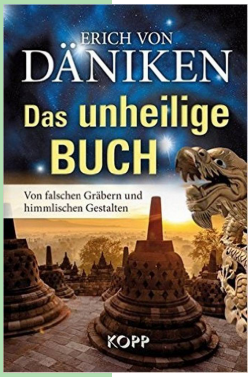


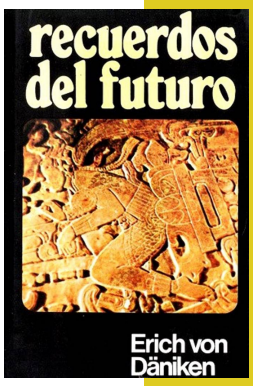


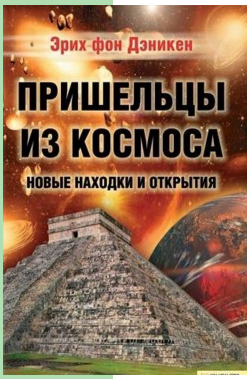


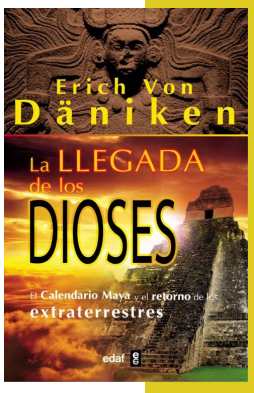

ERICH VON DÄNIKEN
THE END OF THE SILENCE
I AM BREAKING AN UNWRITTEN LAW, THE LAW OF SILENCE...
BESTSELLING AUTHOR OF CHARIOTS OF THE GODS











It seems that the mainstream religious and scientific dogmas that have been imposed since the 16th century in the Western world - and which became global during the 21th century - were determined to either destroy or ignore the ancient knowledge and in to establish a new religious-scientific world-view based on anthropocentrism and the sense of lineal progress and evolution in 'exchange' .

Fortunately the ancient sources – such as the *Mahabharata*, the *Ramayana*, the *Zend Avesta*, the *Epic of Gilgamesh*, the *Edda*, the *Popol Vuh*, the *Book of Enoch* and even the *Bible* – and the archaeological evidence found in all continents have prevailed becoming the basis for those raised with critical thinking to solidly dispute the sense of history defined in the general terms above.

One major role in this goal has been developed by Swiss author Erich von Däniken who became known worldwide in 1968 when his first book appeared: *Erinnerungen an die Zukunft: Ungelöste Rätsel der Vergangenheit* (English title "*Chariots of the Gods*"). He hypothesized, that both ancient religions and technologies were based in the presence of extraterrestrials who were considered *gods* by humans.

Consequently, von Däniken staged one of the most suggestive and extraordinary hypothesis for understanding history: Extraterrestrial visitors arrived thousands of years ago on Earth and made a genetic mutation on hominids. With this act of 'creation' the history of the *Homo sapiens* begins. It is the starting point for *culture* on the planet.

These visitors, the *gods* of antiquity were not metaphysical beings or the result of the subconscious mind, but real beings whose presence can be traced in myths, religions and in numerous archaeological vestiges.

Could the ancient myths, the traditional records transmitted from generation to generation since the dawn of time, practically in all cultures concerning the arrival of 'heavenly beings' or 'star people', those that came from the sky referred as 'our ancestors' or the 'heavenly father and heavenly mother', have been purely fantasy?

Certainly, the critics of the revolutionary ideas of Erich von Däniken arose from both the religious and the scientific communities. Their arguments were countered by critical thinking which questioned their cultural dogmas about the origin of mankind and the development of civilization.

For more than sixty years, Erich von Däniken has been researching this field all over the planet. The amount of evidence collected and presented in his forty books and numerous lectures have peaked the interest of religious scholars, scientists, historians, anthropologists and people in general.

Erich von Däniken has written forty books, selling over 67 million copies.
His books have been translated into thirty two languages.

Some of his most fascinating books are *Return to the Stars* ("Zurück zu den Sternen", 1969), *The Gold of the Gods* ("Aussaat und Kosmos", 1972), *The Apparitions: World phenomena* ("Erscheinungen: Phänomene die Welt erregen", 1974), *According to evidence* ("Beweise", 1978), *The Strategy of the Gods* ("Strategie der Götter", 1982), *We all are the Offspring of the Gods* ("Wir alle sind Kinder der Götter", 1987), *The Return of the Gods. Evidence of extraterrestrial visitations* ("Das Erbe der Götter", 1997), *History is Wrong.* ("Falsch informiert!", 2007), and *Twilight of the Gods. The Mayan Calendar and the Return of the Extraterrestrials* ("Götterdämmerung", 2009).

Now, for the readers of PaleoSeti Magazine, we present an exclusive interview with Erich von Däniken where he speaks of the most controversial fields of history:

Ancient Extraterrestrials and their Vestiges

Are there any archaeological sites that you would consider that do not belong to human culture?

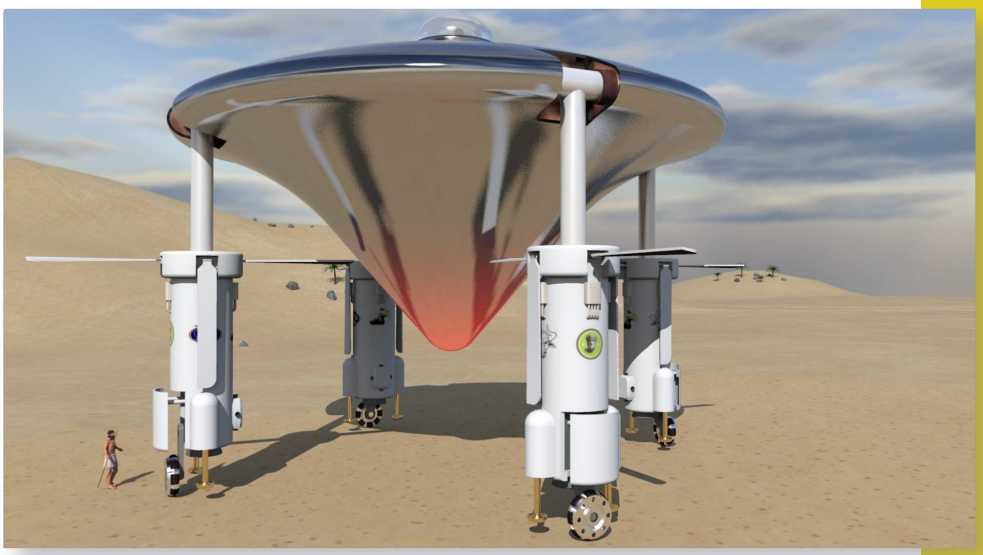
EvD: No. In ancient times people built temples and monuments for the gods. Were these gods the representation of the forces of Nature? In some cases yes, but in other ones they were real beings – the extraterrestrials – who influenced humans and started to be considered as *gods*. The temples and monuments appear "out of nowhere" during the Stone Age. Does this make any sense? How can they be explained? Now, the ancient constructions were made by humans. This is what took place for instance with the pyramids in Egypt. But, nevertheless, how did humans get the idea to build a pyramid? For all this it is needed evolution which does not occur. For example, the pyramids have a complex system of underground passages. And all these passages demanded planning. Planning means engineering. And the evolution of technology at the time of Cheops, the planning and engineering did not exist. They had not the stage in technology to plan the passages, the chambers, all these small shafts in the Great Pyramid. So somebody did the planning: The extraterrestrials. And the humans did the 'dirty work'.

But thinking over your question I must do a *detour* at this point: Puma Punku is a site near Tiahuanaco in Bolivia which consists of pre-fabricated stone structures that fit together, similar to those of "Lego". And these sorts of stones structures were made by extraterrestrials. Quite possibly, this site could be the only remains of the extraterrestrials as far as we know.

What are the most significant books and sources of ancient times that refer to the extraterrestrial visitors?

EvD: In my view definitely it would be the *Book of Enoch*[1]. *The Book of Enoch* is not part of the *Bible*. It was found some two hundred years ago for the first time in an old library in Ethiopia. And then it came to England where it was translated. In parts of *The Book of Enoch* there are clear passages about the extraterrestrials who taught Enoch. One of the extraterrestrials for example said: "Human: Look out the window. Do you see this light there? You humans call it Moon. But the Moon has no light by itself. The Moon receives its light from the Sun". Then he explains to Enoch the different phases of the Moon. Then, the *Teacher of Heaven* said to Enoch: "Do you see this big shining light? You humans call it the Sun. But look at the other little lights there. They are all suns as well! These suns are surrounded by planets. Your planet surrounds the Sun in 365 years plus some hours" [because we have every four years the Leap Year]. All this is scientific information!

[1] The *Book of Enoch* is a non-canonical book found in Ethiopia composed by five parts: *The Book of the Watchers* (1 Enoch 1–36), *The Book of Parables of Enoch* (1 Enoch 37–71), *The Book of the Heavenly Luminaries* (1 Enoch 72–82), *The Book of Dream Visions* (1 Enoch 83–90) and *The Epistle of Enoch* (1 Enoch 91–108). Scholars agree in general that it was written between *ca.* 300 and *ca.* 100 b. C. Although its origins remain unknown the tradition asserts that its author was Enoch himself –the great-grandfather of Noah– before the Great Flood.
By the beginning of the 17th century scholar Nicolas-Claude Fabri de Peiresc obtained a copy of it in Ethiopia. The first translation of the book published in English was in 1821 by Richard Laurence, also a scholar, and in the German language in 1833 by Professor Andreas Gottlieb Hoffmann.



Left: *The Pushpak vimâna or 'aircraft' of ancient India (Illustration by Balasaheb Pandit Pant Pratinidhi, 1916). Right: The vision of Ezequiel was not quite a prophetical vision but rather the description of a space ship. NASA engineer Josef F. Blumrich developed the design above based on the description accounted in the Bible.*

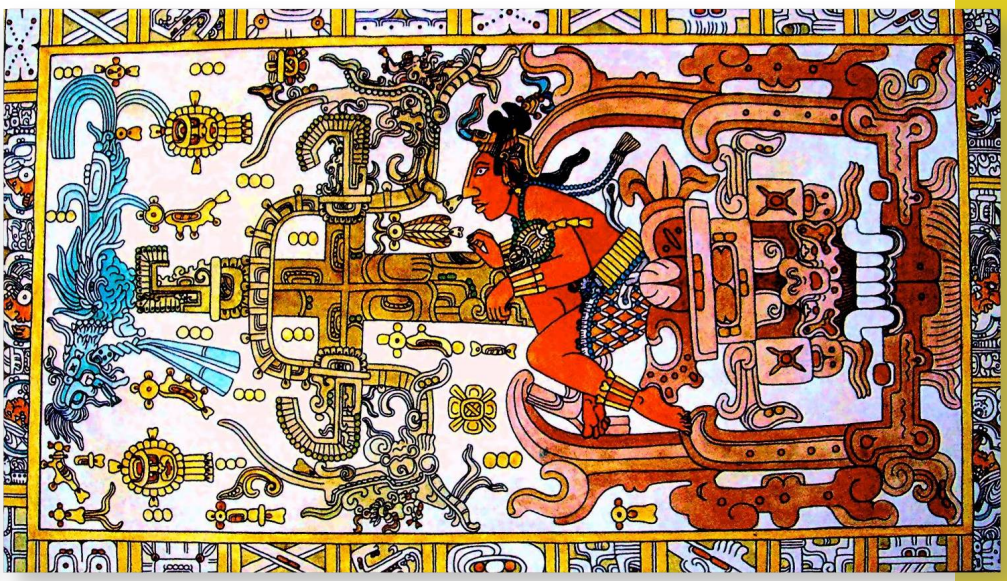
Enoch had to learn the language of the angels – the extraterrestrials – who, when descended to Earth, not only taught him astronomy but also other fields. Enoch wrote more than three hundred books before he disappeared in a fiery chariot. Before this, he gave the books to his son Methuselah with the specific orders to keep the books for the people after the great Flood.

In the *Bible*, there is also the *Book of Ezequiel*. It described one of the space ships of the extraterrestrials – not a "mother station" but a small vehicle which today would be called a space shuttle –[2]. Next, we have in the seventh book of the *Mahabharata* of India which is called the *Drona Parva* the descriptions of these enormous ships surrounding Earth[3]. There we have these structures of cities on Earth and the description of a nuclear war where everything got burned or killed by radiation, even the children in their mother's womb!
These are some examples found in ancient literature.

What are the most important PaleoSETI archaeological sites in the world?

EvD: Definitely, the Lines of Nazca in Peru. Regrettably television and the press tell us a lot of nonsense about Nazca. Most of these so called 'scientific documentaries' are nothing but rubbish and lies. They show the wrong pictures! They do not show the real pictures of what you can see in Nazca. They do not show that some of the mountains are completely cut off in an artificially! But how was this done? Thus Nazca definitely is one place to visit. Then of course the sarcophagus lid of Lord K'inich Janaab Pakal in Palenque in the Yucatan Peninsula, in Mexico. There, Lord K'inich Janaab Pakal has been represented sitting and manipulating a control panel and maneuvering inside some sort of machinery or ship. According to the epigraphists David and George Stuart who have translated the hieroglyphs of the band surrounding this representation have concluded that it is Lord Pakal ascending into the sky.
These are some of the most significant sites in the Americas where we can see the tradition of the extraterrestrials.

[2] In relation to Ezekiel, see the book by Josef F. Blumrich, *Da tat sich der Himmel auf: Die Raumschiffe des Propheten Ezechiel und ihre Bestätigung durch modernste Technik* ("Then the Heavens Arose: The Ships of the Prophet Ezekiel and their Confirmation by the Most Modern Technique". Econ-Verlag. Düsseldorf, 1973).
[3] The *Mahabharata* is one of the most important Sanskrit epics of India together with the *Ramayana*. Some of the earliest version dates back to *ca*. 400 b. C., although it is agreed its sources go back to the 8th and 9th centuries b. C. The *Mahabharata* describes among other subjects the Great Kurukshetra War that refers to the conflict that arose between the Kauravas and the Pandavas. Certainly the Great Kurukshetra War of the *Mahabharata* refers to a larger *Weltanschauung* rather than a mere human struggle.



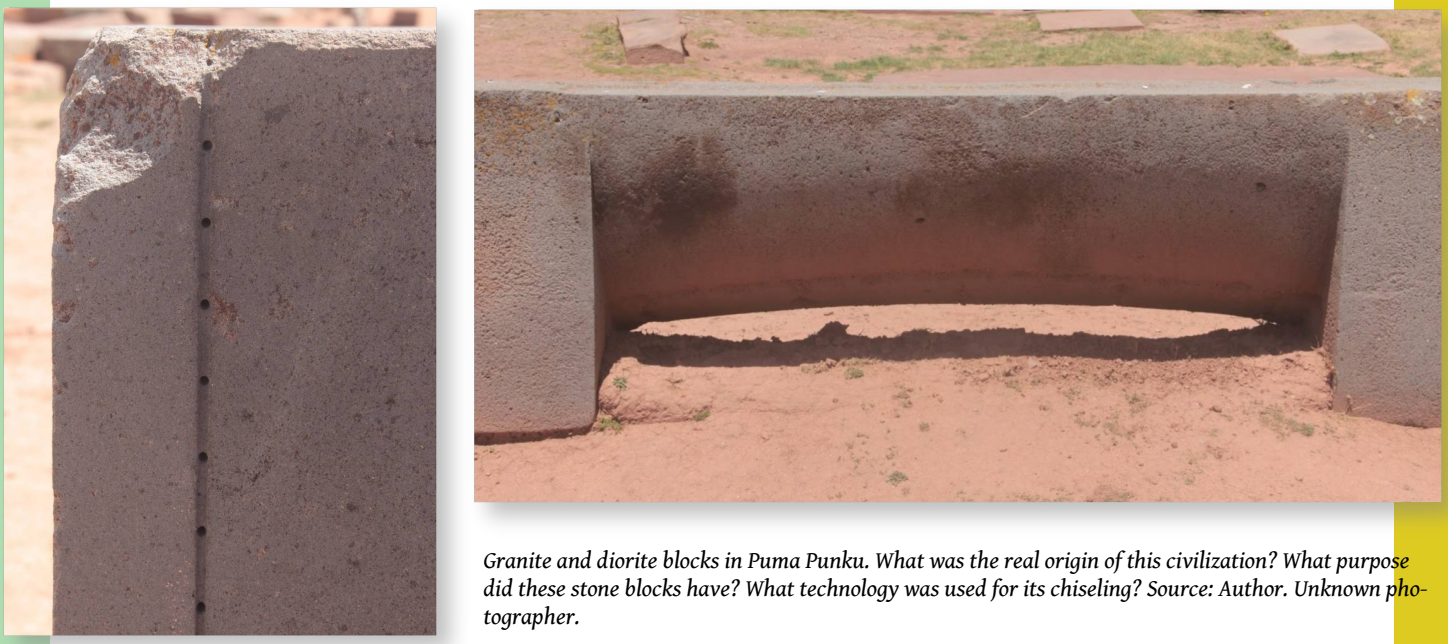
Left: *The enigmatic Nazca Lines in Peru.* Right: *An exact illustration of the fascinating sarcophagus lid of Lord Pakal the Great, in Palenque, Mexico, where it can be seen Pakal maneuvering some sort of panel inside a vehicle. Where orthodox anthropologists only see a symbolic representation of Lord Pakal, PaleoSETI researchers have recognized traces of a high and unknown technology in the past. Sources: Wiki*

The magnificent vestiges of the remote site of Puma Punku, near Tiahuanaco, in Bolivia. Source: Author. Unknown photographer.

realize that over Greece, for instance, are lines and precise triangles crossing the ancient temples. Because of these geometric designs, the people of the future would start to ask: "What is going on here? What is the purpose? This is not possible; the ancient people in Europe built temples linked on a grid over mountains and oceans. For what reason – why?" And sooner or later the people of the future would ask:

Now, as I have said before, humans had contact with extraterrestrials. Some of the humans wanted to honor the extraterrestrials, so in their remembrance they started to construct buildings, pyramids and temples. In addition to this, the extraterrestrials showed the ancient Greeks, for example, a certain place where a temple should be built and then following another one in a specific place because the *gods* knew that these specific sites will provide patterns which - thousands of years in the future - the descendants of these Stone Age people would recognize. They learned how to fly and the cartography of their countries and would

"Have we *maybe* been visited by extraterrestrials in ancient times?" Wouldn't future generations ask the questions about the extraterrestrials just because of these monuments and their patterns? But of course they need to ask the right questions in the first place.



Granite and diorite blocks in Puma Punku. What was the real origin of this civilization? What purpose did these stone blocks have? What technology was used for its chiseling? Source: Author. Unknown photographer.

So it is like a "far distant future program" so people would ask the questions about the ancient times. Is there any recognizable symbol of the gods?

EvD: We are the Offspring of the Gods. Of course, humans are the result of evolution but not *only* of evolution. Throughout history, throughout thousands of years, some of the extraterrestrials have intervened in our genes. We are not *only* humans – and I would like to reinforce this: With evolution but not *solely*. They have interfered. That is why we are not apes anymore. That is why we have developed science. That is why the *Bible* among many other "holy writings" expresses that the *gods created humans according to their own image*. That is why in mythology we have all these figures descending from heaven and interbreeding with humans.

Echoes of Sunken Continents

What are your thoughts about the sunken continents of Atlantis and Mu/Lemuria?

EvD: According to the *Book of Enoch* there were mutineers in a spaceship. Some of them came down to Earth and had intercourse with humans. And one of them was Poseidon. Poseidon had sex with a wonderful human youngster named Clito. Thus they had children. And in order to protect his family, Poseidon founded Atlantis. So the beginning of the reign of Atlantis was conceived by them. And then some of the

Vestiges of the forbidden history: Who were intended to be represented? Are these the representations of ancient extraterrestrials in the Americas? *a. An Olmec/Maya stone mask. b. A lithic anthropomorphic figure of the Valdivia Culture of Ecuador. c, d. Elongated-skull individuals of the La Tolita Culture of Ecuador. Source: Author. Unknown photographer.*

Ancient astronauts in Pre-Columbian art? *a, b. Outstanding clay figures of the Jama-Coaque of Ecuador. c. A golden figure of the Diquis Culture of Costa Rica. d. A unique golden figure of the Chimú of Peru. This anthropomorphic figure seems to be wearing a technological body-device. Source: Author. Unknown photographer.*

Unknown technology? *Pre-Columbian art displays numberless examples of figures that do not make sense. Left: One of the so called 'Gold Insect' of Colombia. The figure rather resembles an airplane as it presents aerodynamic design. Right: A Mesoamerican wheeled zoomorphic figure. Main stream historians have convened that Mesoamerican people did not know the use of the wheel. Source: Author. Unknown photographer.*

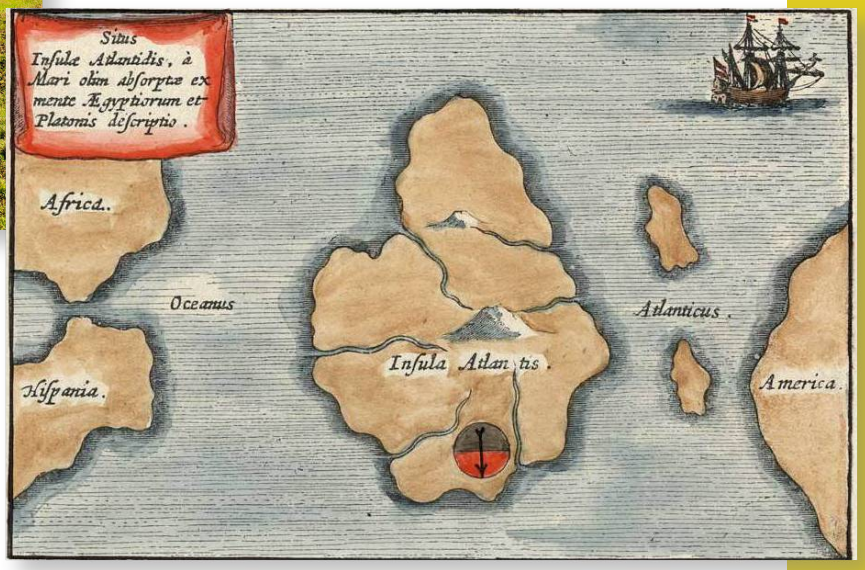
technology used was provided by the extraterrestrial Poseidon. He was one of the mutineers that came down from the mother spaceship.

Now, concerning Mu/Lemuria: I know only legends but regarding Atlantis the history is clear: The philosopher Plato described Atlantis in every detail in his books *Timaeus* and *Critias*[4]. There, he explained that the information came from Egypt and the Egyptians knew exactly what they were talking about. I am absolutely certain that Atlantis existed. They were extraterrestrials.

What about Easter Island, Rapa Nui? They also have an oral tradition about a sunken continent where some of the people of Easter Island came from. Would you connect it to Mu, Lemuria?

EvD: Yes, absolutely. But not only. In Arizona, in the United States of America, there is the native Hopi tribe. There is a book called *The Book of the Hopi,* where it is stated that their ancestors came from a sunken continent which was in the Pacific Ocean –

[4] Greek philosopher Plato (428/427 - 348/347 b. C.) wrote the dialogue *Critias* followed by the *Timaeus* around 360 b. C. These dialogs contain the tradition of the sunken continent of Atlantis and its inhabitants.



Top: *The megalithic Moais of Rapa Nui or Easter Island. Are the Rapa Nui cultural vestiges an echo of the sunken Mu?* Right: *The legendary* Insula Atlantis *in the work* Mundus Subterraneus *(1665) by Jesuit Athanasius Kircher. Source: Author. Unknown photographer.*

not in the Atlantic –[5]. Their vast continent went under slowly and that is why they had to take off in small ships. The so called *gods*, the Katchinas, helped them with their ships and thus they reached Chile. From there they went up through the South American continent – Peru, Ecuador – finally reaching Mexico and the United States where they settled down. Today they are living in Arizona. Their myths refer to a sunken continent in the Pacific Ocean which was their country of origin.

And what do you think about the megalithic and mysterious Moais of Eastern Island?

EvD: Today there are different ways in which we can explain how they were built and how the stones were chiseled. But the question that remains unanswered is what these figures represent. The people from the Polynesian Islands have soft features and faces; But these statues of Eastern Island look like robots: Narrow small lips; eyes and nose that do not correspond to the features of the people of the Polynesian Islands. So who did these figures represent? Creatures from heaven? Did they come from outside this world? That is the big question and not how they were built! They do not look like Polynesians. The mystery of the *Moais* remains!

One of the most important achievements of your work is that you have clarified that the facts described in ancient texts were not just symbolical descriptions, but references of real beings and events that at one point became considered as metaphors only. Is there any record or information of a certain group or sect that has kept not allegorical knowledge of the arrival of extraterrestrial visitors in ancient times, but as a real fact ?

EvD: The leaders of the Jewish community. The Jewish community from the beginning said there is a *god* and this *god* – the *god* of the Jews – has chosen them for some reason – an experiment or any other reason – and they have always known that they are different from the rest of the world. By the way, I myself am not Jewish but I do know their "holy writings". They believe they are something special because *God* – maybe – *chose* them. This religious belief is theirs. But this *God* is an extraterrestrial or part of a group of extraterrestrials.

And what about the ancient Sanskrit literature of India and the records of Tibet?

EvD: Definitely they have had it, but today they do not remember about its real origins. In ancient Sanskrit literature, for example, in the *Vedas*, there are

[5] See *The Book of the Hopis* by Frank Waters (The Viking Press, Inc. New York, 1963). This work compiles the Hopi tradition told by the elders of the tribe in Arizona who regarded it as a record that would give their descendants a complete history of their people and their religious beliefs.

clear references about the extraterrestrials[6]. There are many pages with well-defined indications about their presence, about flying machines, how these descended or how humans were transported from one place to another, etc. In one of my books all the information in which these descriptions appear (in which *Vedas*, what pages, what chapters) including of course the *Drona Parva*, the seventh book of the *Mahabharata*, is recorded.
Also, in Tibet are the writings of Tantschur and Kantschur. Not many know about them. They are not in form of books but in form of folios. And there we find references about the *Teachers of Heaven* again.

It is quite important to understand, that this wisdom about the ancient extraterrestrials has been kept among certain groups and in specific literature e.g. as you have mentioned in India and Tibet. But what happened in the Americas? What was the role of the Conquistadores, the missionaries and the Inquisition?

EvD: The Conquistadores destroyed everything. They came to South America in the name of Jesus Christ. And in his name they destroyed monuments and temples everywhere, for example in Peru. All of this was described by the Inca Garcilazo de la Vega in his books[7]. The Conquistadores also destroyed their myths. They tortured and killed their priests; they killed the children of the priests as well in some cases: Everybody had to convert to Christianity and had to accept the Christian religion. The Conquistadores wanted to destroy the old traditions. However, I am absolutely sure that the Inca and Maya leaders knew exactly who the *gods* were: The *gods* would descend from the sky, from "heaven".

So, are you implying that there was something more than the Zeitgeist *– a defined determination – in the Spanish Conquista that would allow us to understand the destruction of the tradition of the gods in the Americas?*

EvD: Yes, because in South America you have proof of the extraterrestrials. There, we find these skeletons with 'elongated' heads. We know that in certain regions of the Americas, people made these artificial deformations to their children because they should look like the extraterrestrials – the *gods. They should have heads like them. Some of the skulls were in fact human elongated skulls while others just were not. Nevertheless, some of these elongated skulls have been genetically analyzed in a university in the United States. They made Brien Foerster, Director of the Paracas History Museum in Peru, exclaim that the skulls' DNA is categorically not human! So we can prove that*

Beings with elongated skull or conic headdresses in antiquity have a common factor: They were gods or civilizing heroes. *a. K'terrnen, the «Man-of-Light» of Háin tradition of the Selk'nam of Tierra del Fuego, in the extreme south of Chile (Photo by Martin Gusinde, 1923). b. An Aztec representation of Quetzalcoatl as Venus, carrying a conic headdress (Museo Nacional de Antropología de México). c. The effigy of Brahma from Tamil Nadu, of the south of India (British Museum). d. Akhen-Aton in his temple of Karnack, Egypt (Egyptian Museum of Cairo). e. Odin with a conic headdress (Statens Historika Museum of Stockholm, Sweden). Source: Author. Unknown photographer.*

[6] The *Veda* hymns are a large compilation of Hinduist wisdom. They were created by the Rishis. There are four *Vedas*: The *Rigveda*, the *Yajurveda*, the *Samaveda* and the *Atharvaveda.* The earliest known versions of the *Vedas* date back *ca*. 1700-1100 b. C.

[7] The half Inca and half Spanish-Peruvian historian Inca Garcilazo de la Vega (1539-1616) wrote among other books *Comentarios Reales de los Incas* ("Royal Commentaries about the Incas. Lisbon, 1609) and its second part titled *Historia General del Perú* ("General History of Peru". Lisbon, 1612).

at one point in the past here were extraterrestrials in South America.

Since ancient times there has been the acknowledgment that megalithic sites had some connection with astronomical patterns. What are your thoughts about that?

EvD: That is what happens in Greece, in Europe. There are megalithic sites with astronomical and geometrical patterns. For example in French Brittany there are around seven thousand stones with geometrical lines, patterns and angels that were made by our ancestors but guided by extraterrestrials because they knew that future generations – thousands and thousands of years later – would realize that there is this "sacred geometry". The same thing occurred in South America with stone circles and ancient stone monuments that are linked all together and to my knowledge they are connected in anthropological ways as well. Extraterrestrials knew that in thousands of years in the future, generations would realize what happened and because of these inquiries we would go and seek the proof of the existence of the extraterrestrials.

This is a very important fact because these concepts go beyond the boundaries of what most of people would understand as the history of mankind. Are you suggesting that certain events started in the past only to be understood in the future and once a certain time was reached it would be possible to comprehend what happened in the past?

EvD: Yes. You can only understand this now because we have science. Without science we would not have understood that there was a change in the genetic code; without science we would not have the possibility to fly. We could not have understood that some of these ancient monuments were designed forming geometrical patterns. Without modern science we would not have found anything and the so called *gods* knew exactly that would happen in the future with a society based on science. And this society will change the *Zeitgeist*, the 'Spirit of Time'. Right now, we are experiencing the change of the 'Spirit of Time' because of the understanding of all these ancient temples and monuments and writings. Finally this is an acknowledgment that in the next ten or fifteen years we all will have: The information of the extraterrestrials is in our genes. It is all decoded in our own body. The message is in us. And sooner or later our brilliant geneticists will find out that the message was laid in each and every one of us humans. And this is something that cannot be destroyed.

Sacred Geography

In several of your books you have emphasized that in mythical traditions the gods "created humans according to their own image"[8]. Where do you think the creation *of mankind took place, in what geographical region did it occur?*

EvD: No one knows for sure. But we do know that thousands of years ago, for example Europe – where I live now – was covered with ice. This was during the Ice Age. Thus it would have made no sense to start here. But north and south of the Equator, between 25-30 degree of latitude, consequently it was warm: All the gigantic monuments of ancient cultures started north and south of the Equator. For instance, in South America the Inca Empire and in Africa, the civilization of Egypt. Yet, you cannot say exactly where they started. Maybe our geneticists can find out about this beginning but as of today such research has not been developed.

The reason why I am asking you about this is because at the beginning of the 20th century there was a Hindu scholar by the name of Bal Gangadhar Tilak who in his book The Artic Home of the Vedas (1903) *established that the North Pole was the cradle of mankind. Significantly enough in the extreme south of America, in Tierra del Fuego, the Selk'nam or Onas, referred that their origin was in a White Island in the extreme south, Antarctica. A similar idea about the origin of mankind in the South Pole was expressed by Chilean prehistorian Roberto Rengifo as well.*

EvD: I did not know about this. It is very important and it is something that has got to be studied.

In relation to the ancient gods like Odin/Wotan, Siddhartha Gautama, Christ, the Avatars, would you consider them related to the ancient extraterrestrials' influence?

[8] *So God created man in his own image* (*Genesis* 1:27). The original concept used is *Elohim*, this is, *gods* (plural) as the *-im* ending denotes plural masculine nouns in Hebrew. An appropriate translation would be: *Let us make man in our image, after our likeness.*

EvD: Somewhere there was an original 'apple tree' but in the course of thousands of years, we the humans, have always changed the apple tree by grafting/manipulating. And by doing this, you do not need to know genetic engineering. You can simply make it by crafting some different branches into the tree. Therefore, the apple tree has human intervention despite of the fact that there is somewhere an original apple tree although we have changed the evolution of it by crafting. And that is exactly the same thing the extraterrestrials did. In history and mythology we find that kings and heroes – half human and half divine – made peculiar cultural changes and evolution can be seen.

Wonders of the Paleolithic time. Left: *The megalithic-astronomical site of Stonehenge in England.* Right: *The alignment of menhirs at Carnac, in France. Source Wiki, unknown photographers.*

And what would you say about these figures mentioned above? Is there any relation to the extraterrestrials?

EvD: Maybe. But not in the case of Jesus Christ. The record about Jesus Christ is roughly two thousand years old and at that time there were no extraterrestrials on Earth because we have Roman historians who were living at that time. Though Jesus was an extraordinary human being. But later, after his death, some of his followers said he must have been something special. And then they came with all the ideas that his mother Mary was artificially inseminated by an angel. But I do not believe this story. The story of insemination is much older and only later, because they knew the ancient records, it was established, that Jesus could not be less than the other god-men figures. He must have been one of them too. Now, I would like to add something: I was educated as a Christian but our whole Christian religion, our philosophy, simply makes no sense: We believe that there was God – I am a deep believer in God. But yet for me, God has got to have some qualities. For example God can make no mistake; God cannot lie; God is beyond time; God cannot make experiments and wait what the results will be, because God knows the results in advance. But according to our Christian belief, this God created Earth, the plants, animals, etc., and finally Adam and Eve. He placed them in a garden, the *Paradise*. Then he told them: "You can do anything you wish but there is just one thing you are not allowed to do, one small thing: You cannot eat the apple". So supposedly God is timeless but yet he has got to *wait for the results of this prohibition*. He should have known in advance that they were going to sin! He then 'punished' them by ex-pulsing them out of the *Paradise* and by doing that, all of us, the descendants of Adam and Eve have been ex-pulsed too. It is the so called 'original sin'. Hence we all have inherited an 'original sin' according to the Christian belief. And then later, the same God sent his son to Earth and let him become human. Nonetheless, people did not understand him, tortured him and finally crucified him. By this, humankind is 'free' from the 'original sin'. In philosophical terms this is all rubbish! It is all nonsense. That is why I do not believe a word of it. Thus Jesus was not, could not have been an extraterrestrial!

In numerous myths and legends throughout the world, there are references about a Cosmic War. Do you think it was transmitted to humans on Earth?

EvD: In many religions, not only in Christianity but also in Judaism with the *Torah*, and in many ancient myths there are references about a war in "heaven". For example: One day an Archangel by the name of Lucifer came to the throne of the almighty 'God' and said to his followers: "We will not serve you anymore". Then 'God' ordered Archangel Michael to destroy the Archangel Lucifer and his disciples and ex-pulsed from "heaven"![9] However, we have been taught that heaven is a place of absolute happiness. When you die you go to heaven. If you are there it means you are united with God and filled with joy. There, all opposition or reward is impossible. Thus the word "heaven" has the wrong translation. Instead, we should use the word "space" as there was definitely a war in space. But even more, not only Lucifer and the Archangel Michael are part of this war. In practically all ancient mythology you have it: You will find it in Greek myths with the god Zeus – the father of Apollo. Before Zeus arrived to our Solar System he had to fight in a struggle in "heaven" against Chronos. In all myths there is a common factor: In the beginning there was a fight in "heaven", a Cosmic War. But "heaven", as I said before, is not heaven as a place of happiness or a spiritual place, but it rather means space. That is all. 'Angels' are not angels: They are not beings who came down from heaven to give humans messages. Angels were extraterrestrials. We just have to change a few words in our "holy books" to change the whole meaning in order to understand human history.

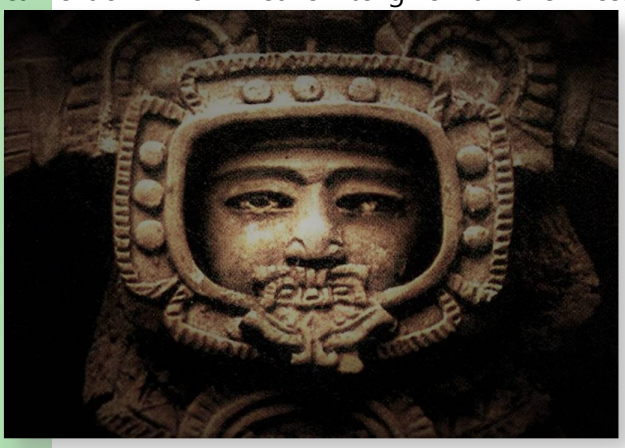
Would you say that this Cosmic War has not ended yet?

EvD: It is possible the fight is still going on out there. Quite possibly some are protecting and helping us while others want to destroy us. We do not know because we do not have the scientific proof. But yet in the past, from literature and ancient sources we clearly know there was a war in "heaven", in space.

What is the destiny of mankind?

EvD: We have to become intelligent. We have to develop technology because we have to spread intelligence to the whole universe. The universe is endless. We cannot imagine what endless is. There are billions and billions of planets and billions and billions of forms of life. Some of them are not there by coincidence, because an artificial insemination took place billions of years ago. Now, the purpose of human life is to continue, and with it, to develop technology, to build spaceships and go into space and travel through the universe and spread out intelligence to other solar systems. This is Panspermia. A cosmic destiny.

In myths as well as in different religious traditions that you write about in your books you implie the



Left: *A Zuni Pueblo clay anthropomorphic figure of the United States of America.* Center: *The descended god Bep Koropti of the Kayapó tribe of the Amazonas in Brazil.* Right: *A Shakoki Dogu from Kamegaoka in Japan. Who were meant to be represented? Source: Author. Unknown photographer.*

[9] Lucifer, the Light-Bearer. *Phosphorus*, the *Morning Star* or Venus. Lucifer challenged Jehovah: *How you have fallen from heaven, Morning Star, son of the dawn! You have been cast down to the Earth, you who once laid low the nations! You said in your heart, 'I will ascend to the heavens; I will raise my throne above the stars of God* [Jehovah]*; I will sit enthroned on the Mount of Assembly, on the utmost heights of Mount Zaphon. I will ascend above the tops of the clouds; I will make myself like the Most High'. But you are brought down to the realm of the dead, to the depths of the pit. Those who see you stare at you, they ponder your fate: 'Is this the man who shook the Earth and made kingdoms tremble, the man who made the world a wilderness, who overthrew its cities and would not let his captives go home?'* (Isaiah 14:12 / King James Version).

idea that the gods will return. When do you think this will happen? What would happen when that moment comes?

EvD: They are here already. For the moment they are just observing us. In my latest book, which unfortunately has not yet been translated from the German language, *Botschaften aus dem Jahr 2118* ("Messages from the Year 2118")[10], I quote various high ranking scientists, astronomers and politicians and they all clearly affirm that we are being observed. The extraterrestrials are observing and studying what sciences we have developed, what kind of religions we have, our languages, what type of bacteria there are and what kind of weapons we have; they are learning about our political systems, our communication systems, and so on. In the meantime they learn about all these subjects and they must conclude that we as humans are a religious society. For example, among Christianity there are over two hundred different Christian churches and every priest of each of these churches honestly believes - just as the followers - that their *belief* in God is the true one. The same thing happens in Islam where there are different groups: Some of them are fighting against each other but yet each group inside Islam is absolutely sure that Mohamed received the instructions of the almighty 'God' Allah. Now imagine if the extraterrestrials would arrive and they show up on television, they make a press conference, etc. and then we realize that it does not matter what religion we have anymore, but the fact that all we have learned is wrong and that now we lose the base on what we are standing upon. People would go into shock! Wars would start; some would fight against the Church, others will kill the Mullah, the Pope, the priests, etc. Everything would be turned upside down. And the extraterrestrials cannot let mankind – seven billion people – go crazy. They slowly want to change the 'Spirit of Time'. This is the process that is taking place today. The extraterrestrials want mankind to understand that others were here thousands of years ago and have – from time to time – returned to Earth and that *now* we are ready to understand this time.

How long do you think this process will take?

EvD: I think in the coming ten or fifteen years this process will be clear. An example: In 1917 the Apparition of Fátima in Portugal[11] took place. The so called Virgin Mary showed herself to over seventy thousand people! However, in fact, it was not the Mother Mary but an extraterrestrial. The *Miracle of the Sun* was witnessed by the same amount of people. There are press and journalistic records from that time. Of course, it was not the Virgin Mary but extraterrestrials; but nevertheless, the time was not right as the people of that time did not understand it. And although the Pope said "it was the holy Virgin Mary" he knew exactly that this story was not true. He could not *go public* with the truth because the world community was not prepared. People would have simply gone into shock.

After more than sixty years of work related to the search of the ancient extraterrestrials: Do you consider that you have achieved the goal of successfully spreading the PaleoSETI concepts?

EvD: I have tried to bring up a lot of archaeological sources and "holy books". In the meantime I am completely certain that we were visited by extraterrestrials in ancient times. Of course, some of the sources I have used or quoted in my books have turned out to be wrong, which is normal. In every science there are errors. But other sources have turned out to be correct and verifiable. So we are in the process of changing the *Zeitgeist*. So I have done my part but I do not look at myself as a prophet or a hero or anything like that. I look at myself just as a normal human who is curious and with curiosity you can obtain many answers. The important fact to know is that in the past we were visited by extraterrestrials and they promised they will return.

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Erich von Däniken has definitely played a fundamental role in the deeper comprehension of the past of mankind.

The ancient myths – against all odds and controversies – did not fail in their ultimate purpose: The transmission of knowledge throughout time.

And just like an echo of the Eternal Return, the myths that spoke of these ancient extraterrestrial *gods* arriving to Earth and the development of civilization will happen again when the offspring of mankind reach a *new* Earth.

This Interview was conducted by Rafael Videla-Eissmann

Many thanks to him and Erich von Däniken!

- The Editor.

[10] See *Botschaften aus dem Jahr 2118. Neue Erinnerungen an die Zukunft* (Kopp Verlag. Rottenburg, 2016).

[11] See the book by Catholic priest John de Marchi, *The Immaculate Heart, The True Story of Our Lady of Fatima* (Farrar, Straus and Young. New York, 1952).

Article by Herbert Eisengruber

Israel is an amazing country. It is the birthplace of three major world religions, but also many conflicts during the millennia. This article is part of a series about the Holy Land, which will be published in the next issues of PaleoSeti Magazine.

This amazing region offers so many amazing archaeological and historical sites, it can make one's head spin. This is the land of many Biblical stories of the Old and New Testament as well the Jewish Bible and the Koran.

The interested traveller can stumble upon many fascinating sites that rarely make it into main stream media or are only mentioned as a side note. I would like to talk about one of those sites today.

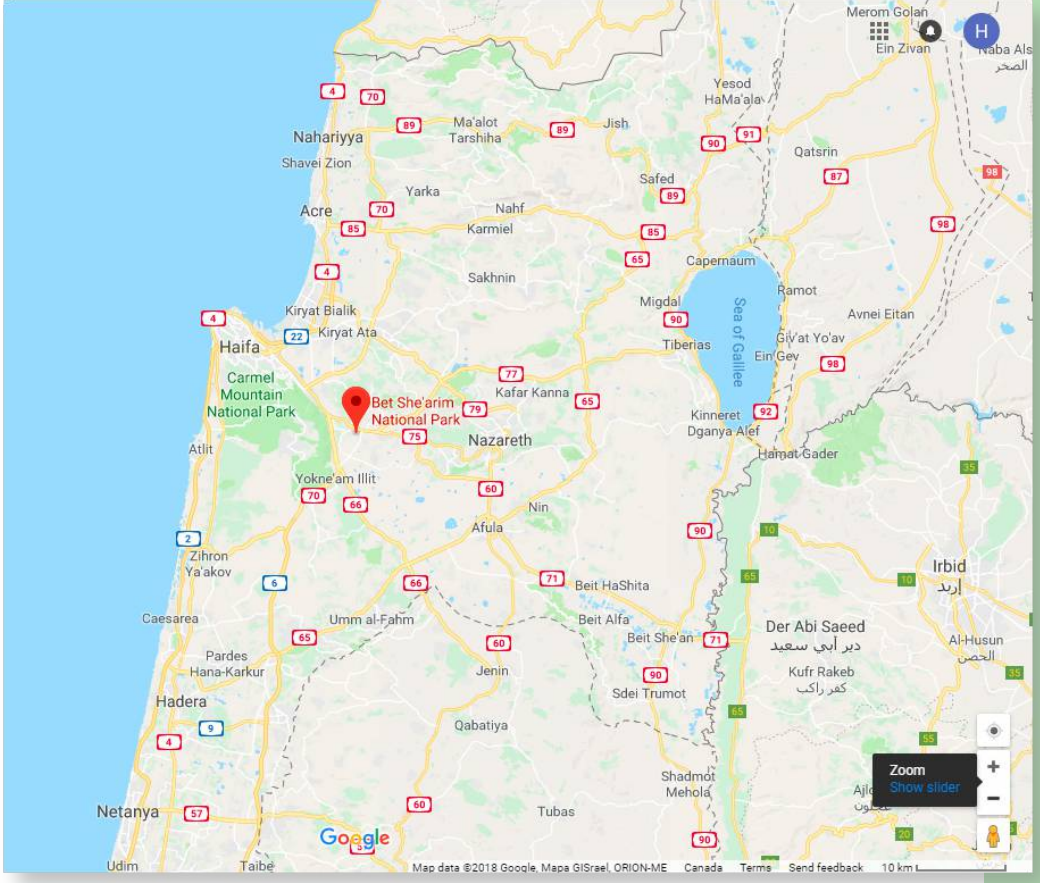
Just a few kilometers South-East of the city of Haifa lies the Bet She-Arim (also spelled *Beit She'Arim)* National Park, an UNESCO World Heritage site. While non-Jewish visitors often bypass this peaceful and lush park, Bet She-Arim is of extreme importance for the Jewish population in this area with its "*vast necropolis, carved out of soft limestone, contains more than 30 burial cave systems. Although only a portion of the necropolis has been excavated, it has been likened to a book inscribed in stone. Its catacombs, mausoleums, and sarcophagi are adorned with elaborate symbols and figures as well as an impressive quantity of incised and painted inscriptions in Hebrew, Aramaic, Palmyrene, and Greek, documenting two centuries of historical and cultural achievement. The wealth of artistic adornments contained in this, the most ancient extensive Jewish cemetery in the world, is unparalleled anywhere.*" [1]

"*The most* ***ancient extensive Jewish cemetery in the world***"! Wow. To me, this is very interesting. For millennia, the Jewish people always had only **one** site of major significance: The Temple in Jerusalem. It was there where the Ark of the Covenant was kept. According to the Book of Deuteronomy, the Temple in Jerusalem was the only place of Jewish sacrifice, the centre of the Jewish world. In today's Jerusalem on the East and South-East side of the Temple Mount, thousands upon thousands of Jewish graves are located as close to the temple mount as possible. A burial plot here costs enormous sums of money, even

today. This is the holiest place for people of Jewish belief and everybody wants to rest here for eternity.

But it seems the ancient Jews made an exception for Bet She-Arim. For some reason, this site was of utmost significance as hundreds of grave sites can be found here, forming an enormous necropolis as was said above.

What was so significant here?



Nestled between the cities of Nazareth and Haifa, the ancient site - and now National Park - of Bet She-Arim houses a vast necropolis and one of the most unusual finds of ancient times. What makes this site so special that many ancient Jewish people wanted to be buried here instead of resting close to the Temple in Jerusalem?

During archaeological excavations in 1956, an unusual discovery has been made in one of the burial caves of Bet She-Arim. A strange rectangular object measuring approx. 3.5 x 2 x 0.5 meters was laying on the ancient floor. At first, the archaeologists thought the object was some sort of a base for something, but quickly realized that it was something entirely different and unusual. Upon closer inspection and taking a sample, they identified the object - which closely resembled a concrete slab - as a giant block of ancient glass! The weight of this glass slab was estimated at about 9 tons! It was and is the biggest raw glass slab of the ancient world ever discovered. The archaeologists were startled.

Top: The Bet She-Arim National Park is a very peaceful place today. A beautiful place to take a break. Right: The entrance to the cave were the giant glass slab is located.
Photos Copyright Herbert Eisengruber

What was the purpose of a giant block of glass here in the middle of this holy Jewish necropolis? What is now considered Israel was known as an active place of glass production in ancient times. Many glass kilns [a thermally insulated chamber, a type of oven] have been found in some areas. The country was known to be a center for glass production throughout the centuries. But the commercial glass production in the area was for small, "consumer" grade glass, popular in the ancient world. Especially in the Roman Empire, glass was a luxury commodity, highly prized by the "rich and famous". Yet, this multi-ton glass block was very different. Nothing even remotely similar has been found in the area or anywhere else. Since the main time of glass production in the area was around the 4th century, the archaeologists dated the glass slab to this time as well. For lack of any better explanations, the enormous block was considered a "failed attempt" in a business operation of glass making and ultimately abandoned in the place it rests today. Mystery solved... or is it?

Top and Bottom: The Necropolis of Bet She-Arim. Hundreds of Ossuaries (Bone boxes) are within the artificially carved caves. Photos Copyright Herbert Eisengruber

Could there be something more to this mystery than meets the eye? Let's have a closer look. The first clue that there is more going here is in the official information plaque attached to the slab. It reads: *"...In order to create this mass of glass, ten tons of raw materials had to be heated to 1050 degrees centigrade for between five and ten days!".* Fascinating! As Mr. Spock would say. This was certainly not a small operation. This enterprise was not cheap and the labor force and resources it required were significant.

As always when I'm looking at things like these, I try to "take a step back" and look at things rationally, from a different perspective. I'm trying to comprehend what the official voices are trying to tell me: Sometime in the fourth century AD, a glass business operation in the Bet She-Arim area had the idea to - obviously and literally - expand

their business by creating the biggest glass slab ever created. We are not being told why they wanted to do this. It is proposed those "business people" wanted to somehow pre-produce a giant glass block and cut it into smaller, more usable pieces later. Then, they needed space for this operation and found it in one of the most holy sites in the Jewish world. Already ancient graves and bone boxes had to be cleaned out from the chamber, big enough to house the enormous kiln to produce this gigantic slab. They hired workers to gather at least ten tons of raw materials, ignited the kiln and fired it up to 1050 degrees for five to ten days. The heating materials to fire this operation alone must have been on a gigantic scale! After the kiln finally cooled down, the "business operators" inspected the result, and they weren't happy. "Not good enough, the glass was of low quality, and the slab way to heavy to move. Naa! Let's abandon it, it was a stupid idea - on to greater (or better, smaller) things!"

Sorry, but this doesn't work for me for several reasons.

First, there is the major problem of the location. This place was holy for the people, an ancient necropolis second only to the area around the temple mound in Jerusalem. Important people have been laid to rest here. Somehow I don't think the rabbis and the local population would have been happy if a "business operation" would have gone into this holy place and converted it into a kiln, only to fail and abandon it.

Second, the ancient people were not stupid! They have been VERY sophisticated glass makers and they would have been aware that a "business" project on a scale like this would fail. With decades of experience they knew best what was possible and what was not.

Third, the "failed" glass slab still contained valuable resources. It would have been foolish to just leave it sitting there on the ground and abandon it. It could have been broken down, into smaller pieces and "recycled" for other projects. To let it sit there is like trying to make a gold bar out of gold rich ore, and if it doesn't quite work you leave the sludge behind. This wouldn't be done today and it wasn't done in ancient times. Guaranteed.

The mysterious glass slab of Bet She-Arim within the context of the chamber it rests today. Clearly visible is that the slab rests in the center of a cave surrounded by out-crops containing ancient Jewish bone boxes (ossuaries) Photo Copyright Herbert Eisengruber

To start solving this mystery, it's time to abandon conventional wisdom and start thinking outside the box. One of those people who are not afraid to think unconventionally is award winning Israeli-Canadian Journalist and Filmmaker, Simcha Jacobovici. In his highly engaging TV-Series "The Naked Archaeologist" [1 and 2], he takes a closer look at the glass slab and offers some interesting thoughts to this ancient puzzle. Jacobovici suggests that the ancient glass slab was not manufactured in the 4th century AD, like mainstream archaeologists think. He suggests that the slab is older and from Herodian times. Using the Bible in its original Hebrew text as a source, he suggests that the glass slab was an attempt to make giant glass windows for the Jewish temple in Jerusalem. He also makes a compelling case that glass in general did not originate in Egypt as mainstream archaeology suggests, but was invented and cultivated in Israel. He thinks that the Bet She-Arim glass slab was intended to be a part of the Jewish Temple. A failed attempt, and therefore, left behind where it rests now. He concludes that the fact it was supposed to be a part of the Holy Temple made the glass slab holy for the Jewish people as well. After the temple's thorough destruction by the Romans in ~70 AD, the glass slab was one of the few pieces left that the Jews had of the Temple, their main - and for some, only - place of worship. And as with the remains of the temple - today known as the Temple Mount - where people want to be buried next to (today the Mount of Olives), the glass slab of Bet She-Arim drew a lot of people who wanted to be buried there. An interesting approach, well worth exploring as I think. Jacobovici makes an excellent point by suggesting the slab was "Holy", something special, and it was the main reason for the burial site in Bet She-Arim. This implies that the slab is older than the mainstream archaeologists suggest. I think it's much older. Jacobovici suggests it dates back to Herodian times. I think that's wrong and the reason for that is simple: Many graves in Bet She-Arim are much older and date back to an earlier time. Also, during Herodian and Roman times history keeping was quite sophisticated and accurate as the writings of Flavius Josephus [3] prove. But nowhere in the ancient sources is there a mention about the glass slab of Bet She-Arim. Truly there would have been some kind of mention of it in the Jewish history books. But nothing of this sort can be found.

A large scale model of the ancient city of Jerusalem during the time of Christ. In the center, the reconstruction of the second Jewish Temple. Today, this model is in the Israel Museum in Jerusalem and is a "must visit" for many tourists. Photo Copyright Herbert Eisengruber

What about a different possibility? What if the glass slab was for - or from - something else entirely? What if it was intended for a building much older, much more technical and much more mysterious than the famous second Jewish temple, which was "renovated" and expanded by King Herod? This newly renovated temple expanded the second temple which was already there for a long time. The history books state clearly and emphasize, that King Herod only improved upon a structure that was already there. How the temple looked before King Herod's efforts is not well known. What we do know is that even this unrenovated temple was a re-build of the first and original Temple constructed by King Solomon, the son of the famous King David. Yes, the guy who killed Goliath.

The mentioned Simcha Jacobovici knows this as he writes: "*In 1 Kings 6:4 it says that when he built the first Temple of God in Jerusalem in the 10th century BCE, King Solomon built windows that were – in Hebrew – "shkufim and atumim". This is usually translated as "narrow" but, more correctly, it means; "transparent and of one piece". The Temple in Jerusalem was a repository of technology that was way ahead of its time.*" [2]

This first temple is the source of many stories of the Bible, and it was built mainly for one purpose: To house the mysterious Arc of the Covenant, an artifact which was built with instructions by God himself. This artifact was dangerous as the Bible tells us [4] and was also used to communicate with God. People handling the Arc of the Covenant had to be dressed in a certain way, and those who didn't follow the handling instructions to the letter, displayed signs of severe illness and later even died. The Arc was also known to kill handlers instantly by electrical shock and accidents like these during the transport of the Arc have also been recorded in the Bible.

A modern CT scanner as seen through radiation shielding glass. Source Wikipedia; Photo: Ptrump.

Today we would say it was a very technical piece of powered equipment, with signs of highly radioactive properties. In 1978, the two British Engineers, George Sassoon and Rodney Dale, reconstructed a nuclear powered machine [5] which provided the Israelites with food during their trip through the dessert. They proposed that the machine was stored inside the Arc of the Covenant. But we won't go into much detail about this in the scope of this article. What is important to us is the fact that the first Temple in Jerusalem was specifically built to house this technological artifact. What is left of this building today? Not much. At least that is what it seems at a first glimpse. Maybe we have to look closer! Which brings us back to the glass slab of Bet She-Arim...

Today we know, that glass is an amazing piece of technology. In modern applications glass in its many forms seems to have an almost unlimited amount of uses. From simple windows of our houses to the windows of spacecraft, glass can provide protection in ways almost no other material can. On top of it it can stay transparent, or - at the very least - translucent. Presidential limousines are protected by bulletproof glass which can stop high velocity rounds almost no other material can withstand. But there is one type of glass that goes almost unnoticed unless you work in the field. In modern nuclear facilities as well as medical environments that require the use of X-Ray machines and CT-scanners, technicians have to monitor hostile radioactive environments from be-

hind glass. At first glimpse, glass seems to be a poor choice for those tasks and it would seem technicians ought to be behind lead walls. But as it turns out, that with the right mixture of certain chemicals - like lead - glass can provide excellent shielding from radioactivity! This type of glass is generally referred to as "Radiation Shielding Glass" and is manufactured by several companies around the world for various applications. In fact, glass is among the thinnest materials to provide certain levels of protection against radiation.

Is it possible that we have to look at the Bet She-Arim Glass Slab with these "technical eyes" to solve its mystery?

As we hinted before, in order to offer protection from radioactivity, modern glass has to be either treated with special coatings or it's original mixture has to include certain substances like lead. The glass slab of Bet She-Arim has a very unusual dark color. Test of the Glass slab have shown that it contains about 16% of lime (Calcium Oxyde). The usual composition of glass from this time only contains half of that. [6] At the time, the ancient glass makers knew exactly what they were doing. Glass making was nothing new to them, and I have an extremely hard time thinking that they just dumped in twice the amount of lime by accident. What did they try to achieve with that much lime in the glass? To answer that question we have to turn to cutting edge modern research. In a paper from July 2016, the team of authors G. M. Sadiqul Islam, M. H. Rahman, Nayem Kazi, describe a practise of using modern waste glass powder as a partial replacement of cement in concrete. They concluded that concrete made with high glass content

Top: Modern concrete designed to shield radiation in buildings. Photo: Unknown, Source Wikipedia. Lower Top: The slab of Bet She-Arim displays similar properties. Photo Copyright Herbert Eisengruber

was several times stronger as comparable control samples. [7]

Interesting! Glass components can produce extremely hard concrete! And concrete is exactly what the glass slab of Bet She-Arim looks and feels like. But that's not all. It still does not explain the extremely high lime content of the slab. For possible explanation comes from an unexpected source. In 2010, Dr. A. M. El-Khayatt, a Physicist at the *Al Imam Mohamed Ibn Saud Islamic University (IMSIU)*, Riyadh, Saudi Arabia, published an article in the publication *Annals of Nuclear Energy* [8]. In this Article, Dr. El-Khayatt researches the radiation shielding properties of concrete containing different lime and silica ratios. His research was mainly conducted for the field of medicine where often radiation emitting equipment is used, and the properties of the building materials are used to shield patient and staff against this potentially harmful radiation. He concludes that certain lime to silica ratios can have significant effect on radiation shielding and proof to be highly effective at that. In another article the team of authors M. Ramadan, Safaa.M.A. El Gamal, F.I. El-Hosiny and S. A. Abo-El-Enein write "*Exposures to high doses of hazardous and dangerous radiations such as X-rays or gamma rays may lead to cell mutations, carcino- genesis, and organ failure. Concrete is considered one of the most common and imported substances used for radiation shielding in various applications such as medical hospitals containing radioactive sources, nuclear power stations and storing radioactive wastes [50]. Radiation shielding properties of concrete depend mainly on the composition of concrete; the used additives play an important role in modifying the mechanical properties and radiation shielding capacity which represent the essential characteristics for each concrete*" [9]

Could all of this be an explanation for the mysterious glass slab of Bet She-Arim? Was it made for the Jewish Temple to shield a radioactive technological artifact, and therefore, protect the people around it? Is that too fantastic an explanation? Can we find more evidence that points in this direction?

Let's find out in the next issue of PaleoSeti Magazine.

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[1] "*The Naked Archaeologist - Ancient Glass*" Season 3, Episode 2; Vision TV 2010

[2] http://www.simchajtv.com/temple-glass-discovered/

[3] https://en.wikipedia.org/wiki/Josephus

[4] https://en.wikipedia.org/wiki/Ark_of_the_Covenant

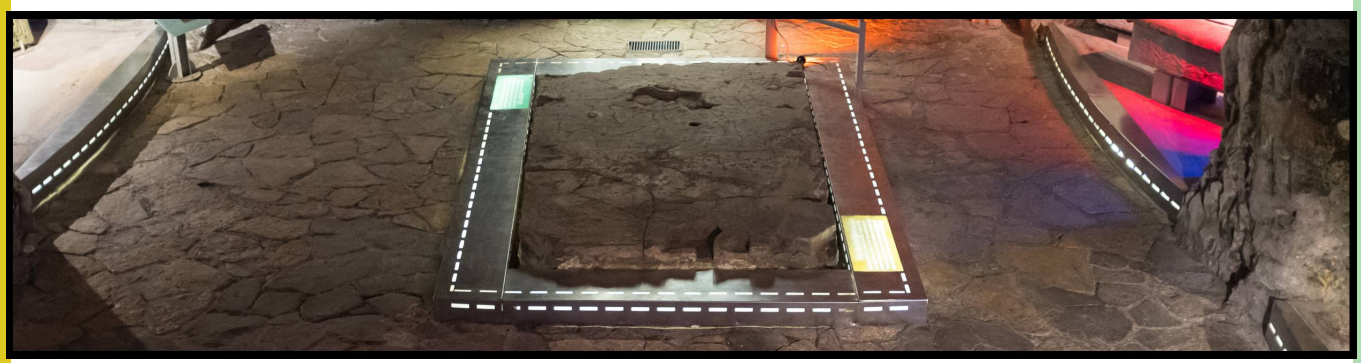
[5] Sassoon, George; Dale, Rodney (1978). The Manna Machine. London: Sidgwick and Jackson.

[6] https://www.cmog.org/article/mystery-slab-beth-shearim

[7] Islam, G.M. Sadiquil; Rahman M.H.; Kazi, Nayem "*Waste glass powder as partial replacement of cement for sustainable concrete practice*", International Magazine of Sustainable Built Environment (2017), 6 p37-44

[8] El-Khayatt, A. (2010). "*Radiation shielding of concretes containing different lime/silica ratios.*" Annals of Nuclear Energy - ANN NUCL ENERG. 37. 991-995. 10.1016/j.anucene.2010.03.001.

[9] Ramadan, M., El Gamal, Safaa.M.A., El-Hosiny, F.I. and Abo-El-Enein, S. A. "*Gamma radiation shielding, fire resistance and physicochemical characteristics of Portland cement pastes modified with synthesized Fe2O3 and ZnO nanoparticles*"



Overview over the mysterious ruins across the walls of Sacqusayhuaman in Cusco, Peru.
Photo copyright Herbert Eisengruber

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